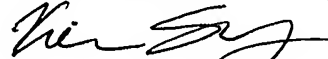


# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 1190860-991280  
First Inventor Jheen-Hyeok Park  
Title Liquid Crystal Display And Driving Method Thereof  
Express Mail Label No. EV 302278033 US

22154 U.S. PTO  
10/690805  
102103

APPLICATION ELEMENTS				ADDRESS TO:	
See MPEP chapter 600 concerning utility patent application contents				Assistant Commissioner for Patents Mail Stop Patent Application P.O. Box 1450, Alexandria, VA 22313	
1. <input checked="" type="checkbox"/>	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)	7. <input type="checkbox"/>	CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)		
2. <input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)			
3. <input checked="" type="checkbox"/>	Specification [Total Pages: 16] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R&D - Reference to sequence listing, a table or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed description - Claim(s) - Abstract of the Disclosure	a. <input type="checkbox"/>	Computer Readable Form (CRF)		
		b. <input type="checkbox"/>	Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies; or ii. <input type="checkbox"/> paper		
		c. <input type="checkbox"/>	Statements verifying identity of above copies		
ACCOMPANYING APPLICATION PARTS					
		9. <input type="checkbox"/>	Assignment Papers (cover sheet & document(s))		
		10. <input type="checkbox"/>	37 CFR 3.73(b) Statement (when there is an assignee)	<input type="checkbox"/>	Power of Attorney
4. <input checked="" type="checkbox"/>	Drawing(s) (35 U.S.C. 113) [ Total Sheets 05 ]	11. <input type="checkbox"/>	English Translation Document (if applicable)		
5. Declaration and Power of Attorney [ Total Pages 05 ] UNSIGNED		12. <input type="checkbox"/>	Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/>	Copies of IDS Citations
	a. <input type="checkbox"/> Newly executed (original copy)	13. <input checked="" type="checkbox"/>	Preliminary Amendment		
	b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)	14. <input checked="" type="checkbox"/>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)		
	i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	15. <input type="checkbox"/>	Certified Copy of Priority Document(s) (if foreign priority is claimed)		
		16. <input type="checkbox"/>	Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.		
6. <input type="checkbox"/>	Application Data Sheet. See 37 CFR 1.76.	17. <input checked="" type="checkbox"/>	Other:	Check No. <u>546722</u> \$770.00; Certificate of Mailing; Request for Priority Under 35 USC 119, .....	
17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____ Prior application information: Examiner _____ Group/Art Unit: _____ For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
		18. CORRESPONDENCE ADDRESS			
<input checked="" type="checkbox"/> Customer Number or Bar Code Label <b>26379</b>		or <input type="checkbox"/> Correspondence address below			
Name		K. Jenny Sung			
Address		Gray Cary Ware & Freidenrich 2000 University Avenue			
City		East Palo Alto	State	CA	Zip Code 94303-2248
Country		US	Telephone	650/833-2121	Fax 650/833-2001
NAME (Print/Type)		K. Jenny Sung		Registration No. (Attorney/Agent)	48,639
Signature				Date	Oct. 21, 2003

10/21/03



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FREE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**770.00**

## Complete if Known

Application Number	Not yet assigned
Filing Date	October 21, 2003
First Named Inventor	Jheen-Hyeok Park
Examiner Name	Not yet assigned
Art Unit	Not yet assigned
Attorney Docket No.	1190860-991280

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number **07-1896**

Deposit Account Name **Gray Cary Ware & Freidenrich LLP**

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	770.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)**770.00**

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims						
Independent	16	-20** =	0	X	18	0
Multiple Dependent	02	-3** =	0	X	86	0
						0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**0**

\*\*or number previously paid, if greater, For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

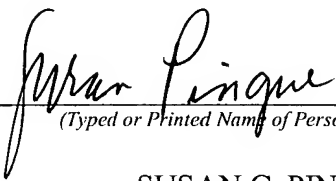
## SUBMITTED BY

Name (Print/Type)	K. Jenny Sung	Registration No. (Attorney/Agent)	48,639	Telephone	650-833-2121
Signature		Date	October 21, 2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			<b>Docket No.</b> <b>1190860-991280</b>
Applicants: PARK, ET AL.			
<b>Serial No.</b> Not Yet Assigned	<b>Filing Date</b> October 21, 2003	<b>Examiner</b> Not Yet Assigned	<b>Group Art Unit</b> N/A
<b>Invention:</b>  <b>LIQUID CRYSTAL DISPLAY AND DRIVING METHOD THEREOF</b>			
<p>I hereby certify that this <u>UTILITY PATENT APPLICATION</u> <small>(Identify type of correspondence)</small> is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, Mail Stop Patent Application on <u>October 21, 2003.</u></p> <div style="text-align: right;"> <small>(Typed or Printed Name of Person Mailing Correspondence)</small> <u>SUSAN C. PINGUE</u> <small>(Signature of Person Mailing Correspondence)</small></div> <div style="text-align: right;"><b>EV 302278033 US</b> <small>("Express Mail" Mailing Label Number)</small></div>			